

## CLAIMS

1. A wound dressing for accelerating epidermal regeneration

5 which comprises

a polypeptide (P) having at least one species of epidermal regeneration-accelerating minimal amino acid sequences (X) selected from the group consisting of the Arg Gly Asp sequence (1), the Ile Lys Val Ala Val sequence (2),  
10 and the Tyr Ile Gly Ser Arg sequence (3) and an auxiliary amino acid sequence (Y),

a polyalkylenepolyamine and/or polyarylenepolyamine (A) having a weight average molecular weight of 2,000 to 60,000, and

15 a sheet (S).

2. The wound dressing according to Claim 1

which has said epidermal regeneration-accelerating minimal amino acid sequence (X) in the number of 3 to 50 in  
20 each molecule of the polypeptide (P).

3. The wound dressing according to Claim 1 or 2

which has said auxiliary amino acid sequence (Y) in the number of 2 to 51 in each molecule of the polypeptide  
25 (P).

4. The wound dressing according to Claim 1

wherein the polypeptide (P) has a structure such that the epidermal regeneration-accelerating minimal amino acid sequence (X) and the auxiliary amino acid sequence (Y) are chemically bonded to each other in an alternating fashion.  
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5. The wound dressing according to Claim 1

wherein the epidermal regeneration-accelerating  
35 minimal amino acid sequence (X) is the Arg Gly Asp sequence

(1).

6. The wound dressing according to Claim 1  
wherein the auxiliary amino acid sequence (Y) is the  
5 (Gly Ala Gly Ala Gly Ser)<sub>b</sub> sequence (in the sequence, b is  
an integer of 2 to 33).

7. The wound dressing according to Claim 1  
wherein the polyalkylenepolyamine and/or  
10 polyarylenepolyamine (A) is a polyethyleneimine.

8. A method for epidermal regeneration treatment  
which comprises using the wound dressing according to  
Claim 1.

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